

Pt. 60, Subpt. EEEE, Table 1

40 CFR Ch. I (7–1–10 Edition)

*Very small municipal waste combustion unit* means any municipal waste combustion unit that has the capacity to combust less than 35 tons per day of municipal solid waste or refuse-derived fuel, as determined by the calculations in § 60.2975.

*Waste heat recovery* means the process of recovering heat from the combustion flue gases outside of the combustion firebox by convective heat transfer only.

*Wet scrubber* means an add-on air pollution control device that utilizes an aqueous or alkaline scrubbing liquor to collect particulate matter (including nonvaporous metals and condensed organics) and/or to absorb and neutralize acid gases.

*Wood waste* means untreated wood and untreated wood products, including tree stumps (whole or chipped), trees, tree limbs (whole or chipped), bark, sawdust, chips, scraps, slabs, millings, and shavings. Wood waste does not include:

- (1) Grass, grass clippings, bushes, shrubs, and clippings from bushes and

shrubs from residential, commercial/retail, institutional, or industrial sources as part of maintaining yards or other private or public lands.

- (2) Construction, renovation, or demolition wastes.

- (3) Clean lumber.

- (4) Treated wood and treated wood products, including wood products that have been painted, pigment-stained, or pressure treated by compounds such as chromate copper arsenate, pentachlorophenol, and creosote, or manufactured wood products that contain adhesives or resins (e.g., plywood, particle board, flake board, and oriented strand board).

*Yard waste* means grass, grass clippings, bushes, shrubs, and clippings from bushes and shrubs. Yard waste comes from residential, commercial/retail, institutional, or industrial sources as part of maintaining yards or other private or public lands. Yard waste does not include two items:

- (1) Construction, renovation, and demolition wastes.

- (2) Clean lumber.

TABLE 1 TO SUBPART EEEE OF PART 60—EMISSION LIMITATIONS

As stated in § 60.2915, you must comply with the following:

For the air pollutant	You must meet this emission limitation <sup>a</sup>	Using this averaging time	And determining compliance using this method
1. Cadmium .....	18 micrograms per dry standard cubic meter.	3-run average (1 hour minimum sample time per run).	Method 29 of appendix A of this part.
2. Carbon monoxide .....	40 parts per million by dry volume.	3-run average (1 hour minimum sample time per run during performance test), and 12-hour rolling averages measured using CEMS. <sup>b</sup>	Method 10, 10A, or 10B of appendix A of this part and CEMS.
3. Dioxins/furans (total basis) ..	33 nanograms per dry standard cubic meter.	3-run average (1 hour minimum sample meter time per run).	Method 23 of appendix A of this part.
4. Hydrogen chloride .....	15 parts per million by dry volume.	3-run average (1 hour minimum sample time per run).	Method 26A of appendix A of this part.
5. Lead .....	226 micrograms per dry standard cubic meter.	3-run average (1 hour minimum sample time per run).	Method 29 of appendix A of this part.
6. Mercury .....	74 micrograms per dry standard cubic meter.	3-run average (1 hour minimum sample time per run).	Method 29 of appendix A of this part.
7. Opacity .....	10 percent .....	6-minute average (observe over three 1-hour test runs; i.e., thirty 6-minute averages).	Method 9 of appendix A of this part.
8. Oxides of nitrogen .....	103 parts per million by dry volume.	3-run average (1 hour minimum sample time per run).	Method 7, 7A, 7C, 7D, or 7E of appendix A of this part, or ANSI/ASME PTC 19.10–1981 (IBR, see § 60.17(h)) in lieu of Methods 7 and 7C only.
9. Particulate matter .....	0.013 grains per dry standard cubic foot.	3-run average (1 hour minimum sample time per run).	Method 5 or 29 of appendix A of this part.

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For the air pollutant	You must meet this emission limitation <sup>a</sup>	Using this averaging time	And determining compliance using this method
10. Sulfur dioxide .....	3.1 parts per million by dry volume.	3-run average (1 hour minimum sample time per run).	Method 6 or 6C of appendix A of this part, or ANSI/ASME PTC 19.10-1981 (IBR, see § 60.17(h)) in lieu of Method 6 only.

<sup>a</sup> All emission limitations (except for opacity) are measured at 7 percent oxygen, dry basis at standard conditions.

<sup>b</sup> Calculated each hour as the average of the previous 12 operating hours.

TABLE 2 TO SUBPART EEEE OF PART 60—OPERATING LIMITS FOR INCINERATORS AND WET SCRUBBERS

As stated in § 60.2916, you must comply with the following:

For these operating parameters	You must establish these operating limits	And monitoring using these minimum frequencies		
		Data measurement	Data recording	Averaging time
1. Charge rate .....	Maximum charge rate ..	Continuous .....	Every hour .....	Daily for batch units. 3-hour rolling for continuous and intermittent units <sup>a</sup> .
2. Pressure drop across the wet scrubber or amperage to wet scrubber.	Minimum pressure drop or amperage.	Continuous .....	Every 15 minutes .....	3-hour rolling <sup>a</sup> .
3. Scrubber liquor flow rate.	Minimum flow rate .....	Continuous .....	Every 15 minutes .....	3-hour rolling <sup>a</sup> .
4. Scrubber liquor pH ..	Minimum pH .....	Continuous .....	Every 15 minutes .....	3-hour rolling <sup>a</sup> .

<sup>a</sup> Calculated each hour as the average of the previous 3 operating hours.

TABLE 3 TO SUBPART EEEE OF PART 60—REQUIREMENTS FOR CONTINUOUS EMISSION MONITORING SYSTEMS (CEMS)

As stated in § 60.2940, you must comply with the following:

For the following pollutants	Use the following span values for your CEMS	Use the following performance specifications (P.S.) in appendix B of this part for your CEMS	If needed to meet minimum data requirements, use the following alternate methods in appendix A of this part to collect data
1. Carbon Monoxide .....	125 percent of the maximum hourly potential carbon monoxide emissions of the waste combustion unit.	P.S.4A .....	Method 10.
2. Oxygen .....	25 percent oxygen .....	P.S.3 .....	Method 3A or 3B, or ANSI/ASME PTC 19.10-1981 (IBR, see § 60.17(h)) in lieu of Method 3B only.

TABLE 4 TO SUBPART EEEE OF PART 60—SUMMARY OF REPORTING REQUIREMENTS

As stated in § 60.2951, you must comply with the following:

Report	Due date	Contents	Reference
1. Preconstruction report	a. Prior to commencing construction.	i. Statement of intent to construct; ..... ii. Anticipated date of commencement of construction; iii. Documentation for siting requirements; iv. Waste management plan; and v. Anticipated date of initial startup.	§ 60.2952. § 60.2952. § 60.2952. § 60.2952. § 60.2952.
2. Startup notification ....	a. Prior to initial startup	i. Types of waste to be burned; ii. Maximum design waste burning capacity; iii. Anticipated maximum charge rate; iv. If applicable, the petition for site-specific operating limits; and v. Anticipated date of initial startup.	§ 60.2953. § 60.2953. § 60.2953. § 60.2953. § 60.2953.